

---

# Archives of Virology

Edited by

D. R. Lowy, Bethesda

F. A. Murphy, Atlanta (Editor-in-Chief)

E. Norrby, Stockholm

M. H. V. van Regenmortel, Strasbourg

C. Scholtissek, Giessen

A. Sugiura, Tokyo

D. O. White, Melbourne

---

Vol. 93, 1987

ISSN 0304-8608

Springer-Verlag  
Wien New York



# Archives of Virology

## Advisory Board

- |                                 |                                |
|---------------------------------|--------------------------------|
| Y. Becker, Jerusalem            | H.-D. Klenk, Marburg           |
| R. W. Bingham, Edinburgh        | Ch. Kunz, Wien                 |
| D. H. L. Bishop, Oxford         | H. L. Lipton, Chicago, Ill.    |
| K. Bister, Berlin               | B. W. J. Mahy, Pirbright       |
| C. M. Chu, Beijing              | V. ter Meulen, Würzburg        |
| E. De Clercq, Leuven            | C. A. Mims, London             |
| J. M. Dalrymple, Frederick, Md. | L. Montagnier, Paris           |
| G. Darai, Heidelberg            | R. Mori, Fukuoka               |
| J. W. Davies, Norwich           | P. Palese, New York, N.Y.      |
| F. Deinhardt, München           | S. Patterson, Harrow           |
| F. Dianzani, Roma               | H. G. Pereira, Rio de Janeiro  |
| P. Doherty, Canberra            | U. Pettersson, Uppsala         |
| H. J. Eggers, Köln              | W. Plowright, Goring-On-       |
| H. J. Field, Cambridge          | Thames, Berks.                 |
| B. N. Fields, Boston, Mass.     | W. E. Rawls, Hamilton          |
| Y. Ghendon, Moscow              | D. J. Rowlands, Woking         |
| A. J. Gibbs, Canberra           | G. Siegl, Bern                 |
| O. Haller, Zürich               | J. Svoboda, Praha              |
| P. Halonen, Turku               | P. E. Tambourin, Bethesda, Md. |
| R. I. Hamilton, Vancouver       | P. Tiollais, Paris             |
| I. H. Holmes, Parkville, Vic.   | S. Urasawa, Sapporo            |
| M. C. Horzinek, Utrecht         | J. Vilček, New York, N.Y.      |
| P. M. Howley, Bethesda, Md.     | Y. Watanabe, Isehara           |
| W. K. Joklik, Durham, N. C.     | H. A. Wood, Ithaca, N.Y.       |
| A. P. Kendal, Atlanta, Ga.      | J. Závada, Bratislava          |
| D. W. Kingsbury, Memphis, Tenn. |                                |

Editorial Assistant: W. Tuma, Wien

For **copyright regulations** and for further information, see the detailed "Instructions to Authors" which appear at the end of each issue.

# Contents: Vol. 93

No. 1-2

## Original Papers

- Hondo, R., Yogo, Y., Kurata, T., Aoyama, Y.:** Genome Variation Among Varicella-Zoster Virus Isolates Derived from Different Individuals and from the Same Individuals . . . . . 1
- Anderson, K., Bond, C. W.:** Structural and Physiological Properties of Mengovirus: Avirulent, Hemagglutination-defective Mutants Express Altered Alpha (1 D) Proteins and Are Adsorption-defective . . . . . 13
- Anderson, K., Bond, C. W.:** Biological Properties of Mengovirus: Characterization of Avirulent, Hemagglutination-defective Mutants . . . . . 31
- McDermott, M. R., Brais, P., Leslie J., Goettsche, Gudrun C., Eveleigh, M. J., Goldsmith, C. H.:** Expression of Immunity to Intravaginal Herpes Simplex Virus Type 2 Infection in the Genital Tract and Associated Lymph Nodes . . . . . 51
- Inglis, Barbara, Waldron, Helen, Stewart, P. R.:** Molecular Relatedness of Staphylococcus aureus Typing Phages Measured by DNA Hybridization and by High Resolution Thermal Denaturation Analysis . . . . . 69
- Tashiro, M., Reinacher, M., Rott, R.:** Aggravation of Pathogenicity of an Avian Influenza Virus by Adaptation to Quails . . . . . 81
- Kaluza, G., Lell, G., Reinacher, M., Stitz, L., Willems, W. R.:** Neurogenic Spread of Semliki Forest Virus in Mice . . . . . 97
- Kanharidis, P., Dyall-Smith, M. L., Holmes, I. H.:** Marked Sequence Variation Between Segment 4 Genes of Human RV-5 and Simian SA11 Rotaviruses . . . . . 111

## Brief Reports

- Albert, M. J., Unicom, L. E., Tzipori, S. R., Bishop, R. F.:** Isolation and Serotyping of Animal Rotaviruses and Antigenic Comparison with Human Rotaviruses . . . . . 123
- Hernandez-Jauregui, P., Eriksson, A., Tamayo Perez, R., Pettersson, U., Moreno-Lopez, J.:** Human Papillomavirus Type 13 DNA in Focal Epithelial Hyperplasia Among Mexicans . . . . . 131
- Bando, H., Kusuda, J., Kawase, S.:** Molecular Cloning and Characterization of Bombyx Densovirus Genomic DNA . . . . . 139
- Baumgärtner, W., Krakowka, S., Blakeslee, J.:** Evolution of *in vitro* Persistence of Two Strains of Canine Parainfluenza Virus . . . . . 147
- Porter, D. D., Porter, Helen G., Larsen, A. E., Bloom, M. E.:** Restricted Viral Antibody Specificity in Many Ferrets Infected with the Ferret Aleutian Disease Parvovirus . . . . . 155
- Khaustov, V. I., Korolev, M. B., Reingold, V. N.:** The Structure of the Capsid Inner Layer of Reoviruses . . . . . 163

## No. 3-4

## Brief Review

- Pasternak, C. A.:** Viruses as Toxins. With Special Reference to Paramyxoviruses . . . . . 169

## Original Papers

- Hilliard, J. K., Eberle, R., Lipper, S. L., Munoz, R. M., Weiss, S. A.:** *Herpesvirus simiae* (B-Virus): Replication of the Virus and Identification of Viral Polypeptides in Infected Cells . . . . . 185
- Coulson, Barbara S., Fowler, K. J., White, J. R., Cotton, R. G. H.:** Non-neutralizing Monoclonal Antibodies to a Trypsinsensitive Site on the Major Glycoprotein of Rotavirus Which Discriminate Between Virus Serotypes . . . 199
- Raynaud, I., Biquard, J. M., Chambard, P., Fasciotto, B., Samarut, J., Blanchet, J. P., Krsmanovic, V.:** AEV-transformed Erythroleukemia Cell Induced Differentiation: Expression of Specific Cell Membrane Antigenic Molecules . . . . . 213
- Zink, P., Drescher, J., Verhagen, W., Flik, J., Milbradt, H.:** Serological Evidence of Recent Influenza Virus A (H 3 N 2) Infections in Forensic Cases of the Sudden Infant Death Syndrome (SIDS) . . . . . 223
- Chen, P.-Y., Cui, Z., Lee, L. F., Witter, R. L.:** Serologic Differences Among Non-defective Reticuloendotheliosis Viruses . . . . . 233
- Fong, Caroline K. Y., Landry, Marie L., Hsiung, G. D.:** Replication of Human Adenoviruses in Guinea Pig Embryo Cells: an Ultrastructural Study . . 247
- Ádám, Éva, Nász, I., Lengyel, Anna, Erdei, J., Facher, J.:** Determination of Different Antigenic Sites on the Adenovirus Hexon Using Monoclonal Antibodies . . . . . 261

## Brief Reports

- Blackett, Sarah, Gupta, Arun, Mims, C. A.:** DMSO Induces Reactivation of Cytomegalovirus *in vitro* from Spleens of Latently Infected Mice . . . 273
- Viti, D., Sinibaldi, L., Superti, F., Melucci, L., Orsi, N.:** VSV Binding to Lipids from Different Cell Lines . . . . . 279
- Leib, D. A., Bradbury, Janet M., Hart, C. A., McCarthy, K.:** Genome Isomerism in Two Alphaherpesviruses: *Herpesvirus saimiri-1* (*Herpesvirus tamarinus*) and Avian Infectious Laryngotracheitis Virus . . . . . 287
- Phillipotts, R. J., Stephenson, J. R., Porterfield, J. S.:** Passive Immunization of Mice with Monoclonal Antibodies Raised Against Tick-borne Encephalitis Virus . . . . . 295
- Kawaoka, Y., Bordwell, Elizabeth, Webster, R. G.:** Intestinal Replication of Influenza A Viruses in Two Mammalian Species . . . . . 303

Abstracted/Indexed in:  
 Current Contents, SCI, ASCA, and  
 ISI/BIOMED, Biosis, Chemical Abstracts,  
 Current Awareness in Biological Sciences

